

IN THE SPECIFICATION

Please amend paragraph [0019] of the specification as follows:

[0019] We present three main ways to ~~liquidated~~ liquidate securities: First-In-First-Out (FIFO), Last-In-First-Out (LIFO), and Specific Identification (SI). FIFO generally means that we liquidate beginning with the farthest tax lots. For example, the following tax lot data: 22 shares of stock A are bought at time (2), 17 more at time (3), and another 15 at time (6). With the FIFO strategy, shares are first sold from tax lot (2), then lot (3) if tax lot (2) contains less than the shares to be liquidated, followed by tax lot (6). LIFO generally means that we liquidate beginning with the closest tax lots. With LIFO, shares of A are sold beginning from tax lot (6), then tax lot (3), and finally tax lot (2). As LIFO is biased towards realizing short-term gains we do not consider it any further. SI or Specific Identification means that the tax lots for every individual share to be sold are selected by choice, e.g., 4 shares from tax lot (2), 12 shares from tax lot (3), and 3 shares from tax lot (6), etc. Ultimately, it is our idea to generate a whole set of randomly selected Specific Identifications and selected thereafter the one, which fits best our target function under the given constraints. The key idea behind a random approach is the fact that there is no analytical way of finding “the solution” for path-dependent problems such as tax-efficient investing.